

II. Listing of the Claims:

This listing of the claims replaces all prior versions and listings of the claims in this application:

1–5. (Cancelled)

6. (Currently amended) A network-enabled home appliance that is located within a private network and remotely controllable from a terminal connected to an Internet via a server located on the Internet, wherein said server is connected to the network-enabled home appliance via the Internet, and said server has a command conversion unit for converting a command to a predetermined format that is specific to the network-enabled home appliance,

said network-enabled home appliance comprising:

a control section configured to receive a packet from said server located on the Internet, the packet including a ~~predetermined~~ command, ~~and to control~~ for controlling the network-enabled home appliance ~~based on the command,~~ said command being in said predetermined format specific to the network-enabled home appliance when received from said server;

a server address storage section for storing a global address of said server located on the Internet;

a tunneling establishing section for establishing a tunneling connection between the network-enabled home appliance and the server based on the global address of the server; and

a packet processing device for capsulating/decapsulating packets, the packets communicated with the server through the tunneling connection, and routing the packets to the control section or the server.

7. (Currently amended) The network-enabled home appliance of Claim 6, further comprising:

a broker server address storage section for storing an address of a tunneling broker server located on the Internet; and

a server address obtaining section for accessing the tunneling broker server based on the address of the tunneling broker server, and receiving the global address of the server located on the Internet from the tunneling broker server.